

## **TUNNEL PORT APPARATUS WITH SERIAL GAS-CHECK ASSEMBLY**

### **ABSTRACT OF THE DISCLOSURE**

Provided herein is a port apparatus and method for inserting a tube device, in particular peritoneal dialysis catheters, into an organism. Access to the peritoneal cavity for dialysis is established by creating a controlled cutaneoperitoneal fistula with a catheter device that bridges the abdominal wall. The apparatus is designed to minimize the occurrence of mechanical complications associated with traditional catheter implantation techniques, such as catheter obstruction from the omentum, catheter displacement to a position of poor drainage function, leaks and hernias. The device is capable of performing its functions in a simple, safe, accurate, reproducible, and expeditious fashion. In particular embodiments, a serial gas-check assembly is provided that maintains pneumatic competence and prevent the backflow/leakage of insufflation gas or fluids.